OPERATOR'S MANUAL

390-394

HYDRAULIC FARM LOADER

ALLIED

12/91 P-3230

WARRANTY REGISTRATION
AND
POLICY

Allied Products are warranted for a period of twelve (12) months from original date of purchase, by original purchaser, to be free from defects in material and workmanship under correct, normal agricultural use and proper applications.

John Buhler Inc. obligations under this warranty shall be limited to the repair or exchange at John Buhler Inc.'s option, of any Allied Product or part which proves to be defective as provided. John Buhler Inc. reserves the right to either inspect the product at the buyers location or have it returned to the factory for inspection.

The above warranty does not extend to goods damaged or subject to accident, abuse or misuse after shipment from John Buhler Inc.'s factory, nor to goods altered or repaired by anyone other than an authorized John Buhler Inc. representative.

John Buhler Inc. makes no Express Warranties other than those which are specifically described. Any description of goods, including any references and specifications in catalogues, circulars, and other written material published, is for the sole purpose of identifying goods and shall conform to such descriptions. Any sample or model is for illustrative purposes only, and does not create an Express Warranty that the goods conform to sample or model shown.

The purchaser is solely responsible for determining suitability of goods sold. This warranty is expressly in lieu of all other warranties expressed or implied. John Buhler Inc. will in no event, be liable for any incidental or consequential damages, whatsoever, nor for any sum in excess of the price received for the goods for which liability is claimed. Warranty requests must be made out on Allied Warranty Claim Forms, with all requested information properly filled in. Warranty Claims must be submitted within a ninety (90) day period, from the date of failure repaired.

The labour rate for replacing defective parts where applicable, will be credited at a rate determined by the Company, John Buhler Inc.

IMPORTANT FACT: Buckets and Bucket Tines Carry No Warranty
Snowblower Fan Shafts Carry No Warranty.

JANUARY 01, 1991

PRINTED IN CANADA

90 SERIES HYDRAULIC FARM LOADER

GENERAL INSTRUCTIONS & INFORMATION

The series 390 is a general purpose farm loader. It has been designed for use with tractors in the 25 to 50 H.P. range.

TWO sizes of lift cylinders and ONE SIZE of bucket cylinders are available to match the tractor's hydraulic system.

The loader is made up of seven basis components:

1. Frame
2. Subframe
3. Bucket
4. Bucket cylinder
5. Lift cylinders
6. Mounting kit
7. Hydraulic kit

As with any piece of equipment the care with which your loader is operated and maintained will greatly affect it's life.

1. Keep all pivots well lubricated for longer bearing life.
2. Periodically check all bolts for tightness. If any bolt is damaged, replace it with a bolt of equivalent grade or strength.
3. Follow the recommendations of the tractor manufacturer in regard to the quantity and quality of oil used.
4. Check oil level frequently to ensure system is full.
5. When making check, be sure lift cylinders are retracted.
6. Before operating loader, particularly if the loader is left standing for any length of time, check the hydraulic system and oil level.
7. When servicing any hydraulic components care must be taken to prevent any foreign matter from entering the system.
8. Do not neglect oil leaks. Leaks affect the operation, are dangerous and can result in damage to the hydraulic system.
9. Never leave cylinder shafts exposed when not in use.
10. If any components become worn or damaged, they should be replaced as soon as possible with the manufacturers recommended or equivalent.

A. When installing hydraulics follow ciruit carefully. Make sure hoses are free of contact with hot manifold or sharp edges on tractor.
After assembly, raise loader and check to make sure that hoses do not bind in all positions.

> CAUTION
>
> The pressure of the valve is set at the factory. Do not set pressure higher on the valve. Serious injury to the operator or damage to the loader or tractor hydraulics may occur.
> Warranty will be void if loader is operated above recommended pressure.

CAUTION

LOADER SAFETY GUIDES

1. MOVE AND TURN TRACTOR AT LOW SPEEDS.
2. CARRY LOADER ARMS AT LOW POSITION DURING TRANSPORT.
3. LOWER LOADER ARMS, STOP ENGINE, AND LOCK BRAKES BEFORE LEAVING OPERATOR SEAT.
4. DO NOT STAND OR WORK UNDER RAISED LOADER.
5. ADD RECOMENDED WHEEL BALLAST OR REAR WEIGHT FOR STABILITY.
6. MOVE WHEELS TO WIDEST RECOMMENDED SETTINGS TO INCREASE STABILITY.
7. OBSERVE SAFETY RECOMMENDATIONS IN LOADER INSTRUCTION MANUAL.

CAUTION

CHECK LINKAGE FOR CLEARANCE
BEFORE OPERATING
ANY BINDING WILL CAUSE DAMAGE TO CYLINDER

THIS SAFETY ALERT SYMBOL MEANS:

ATTENTION!

BE ALERT!

YOUR SAFETY IS INVOLVED!

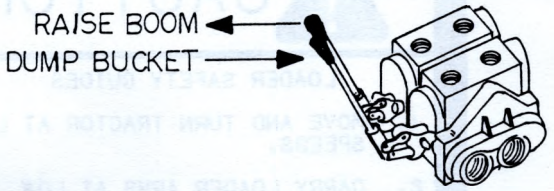
YOUR SAFETY IS IN YOUR HANDS

OPERATION AND MAINTENANCE

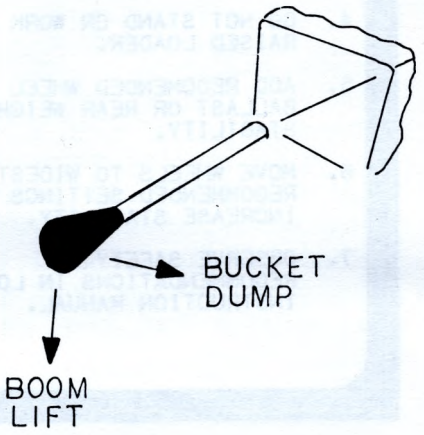
GENERAL

Refer to tractor Operator's Manual for operating information on the tractor's hydraulic system.

Hydraulic systems using auxiliary valves should have valve adjusted for easy reach from the tractor seat. Hoses should be installed in such a manner that pushing forward on valve handles lowers the boom or dumps the bucket.



Weight added to rear of tractor provides better traction and an easier, more efficient loader operation. Extra weight also reduces the risk of roll-over.



WARNING!

The smaller the tractor is, the easier it will roll. Extra weight must be added to tractors less than 30 H.P. The weight on the three point hitch should equal at least half the weight the loader can lift. Extra weight can be added by filling rear tires with liquid or by the installation of rear wheel weights. Where additional weight is required, a counterweight box can be fabricated or purchased for tractors with three point hitch.

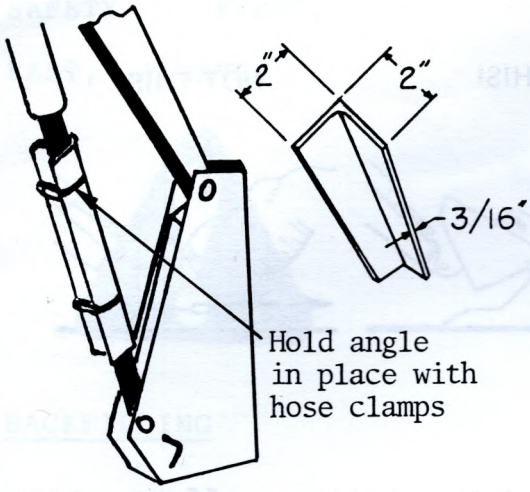
Extra weight can also be added by the use of a heavy implement mounted to the three point hitch.

A roll-over protective structure is also recommended.

In cold weather, operate the tractor's engine at idle speed until the hydraulic fluid is warmed up. High engine speed when the hydraulic fluid is cold will cause the pump to wear prematurely.

Under normal conditions, operate the tractor's engine at 1/2 throttle. Shift the tractor into a low gear before entering pile of material to minimize strain on loader arms.

SAFETY



BLOCKING RAISED LOADER

Never work beneath raised loader unless it is securely blocked with safety bar. Figure above shows how to fabricate suitable safety bar.

Do not pivot or turn tractor with bucket raised, except at a minimum speed. Always make allowance for length of loader when making turns.

Never leave tractor unattended while the bucket is raised. Always lower bucket to the ground and shut off before leaving tractor seat.

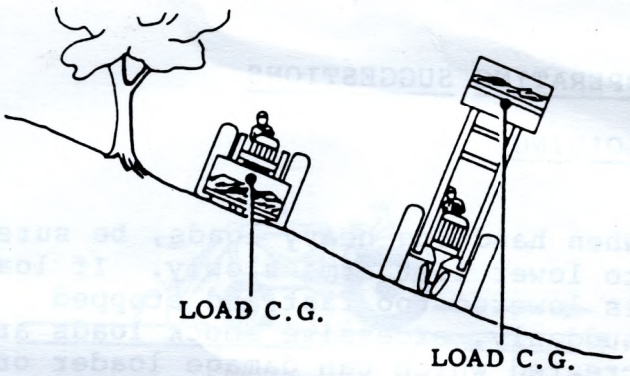
Don't walk under raised bucket.

Loader should never be operated while operator is not seated in the driver's seat on tractor.

Keep tractor on solid ground. Loose fill, rocks and holes can be dangerous for loader operation or movement.

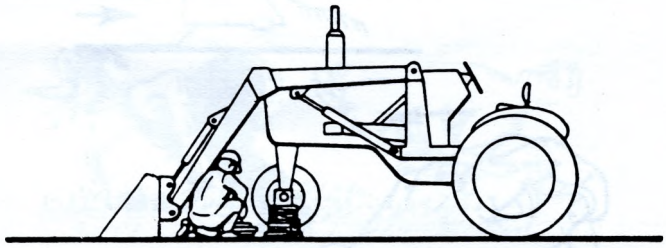
Never operate a loader with frayed or damaged hoses or leaking fittings.

For stability, rear wheels of tractor should be set at maximum convenient spacing.



Do not raise bucket to extreme heights while tractor is on an incline. Carry loader low for safety. Note in above illustration how load center moves out when bucket is raised on a slope. Be alert for terrain changes and adjust bucket accordingly. Keep bucket low, no more than one foot high, as long as possible.

NOTE: A pivoting front axle acts like a three wheeled tractor until the stops hit the axle.



If lift cylinders are used to raise front wheels of tractor for service, place blocks under tractor before working around front end.

THIS SAFETY ALERT SYMBOL MEANS:

ATTENTION!

BECOME ALERT!

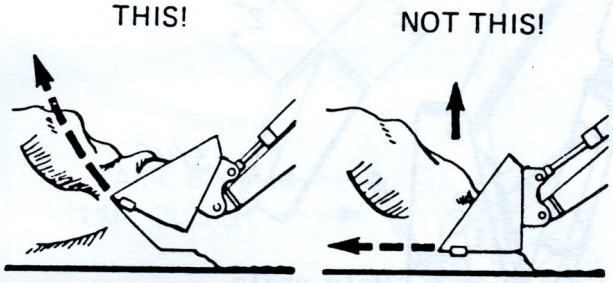
YOUR SAFETY IS INVOLVED!

OPERATING SUGGESTIONS

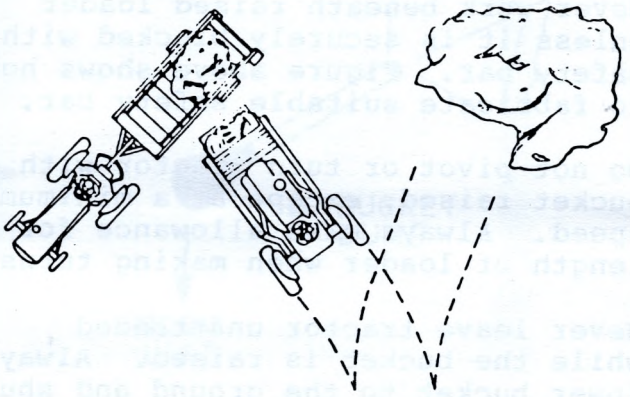
LOADING

When handling heavy loads, be sure to lower lift arms slowly. If load is lowered too fast and stopped suddenly, excessive shock loads are created which can damage loader or tractor.

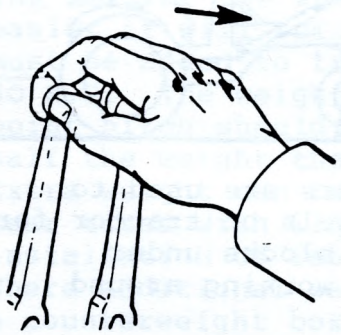
When loading bucket, drive straight into material. Attempting to turn tractor while loading bucket can cause damage to both the loader and tractor.



A straight bottom offers more resistance to lift.

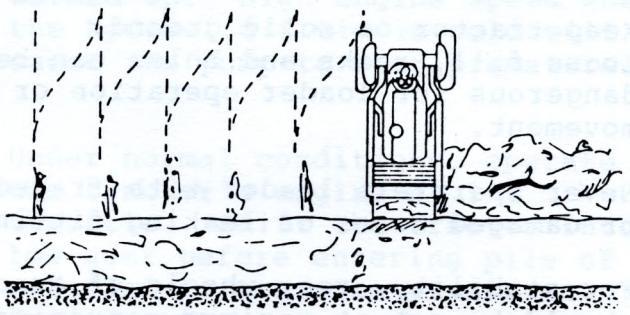


To increase loading efficienty, minimize angle of turn and length to run between pile and spreader.



Work both levers back to direct pressure to both cylinders.

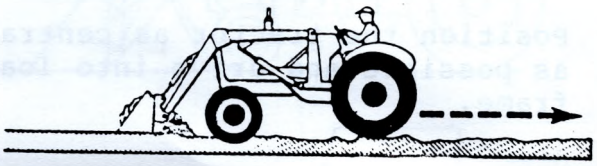
Combined action of lift and bucket cylinders increase loading efficiency.



Leave material which drifts over side of bucket for final clean-up.

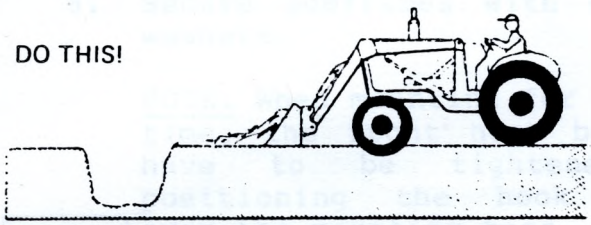
SAFETY - FIRST,

LAST, ALWAYS!



BACKFILLING

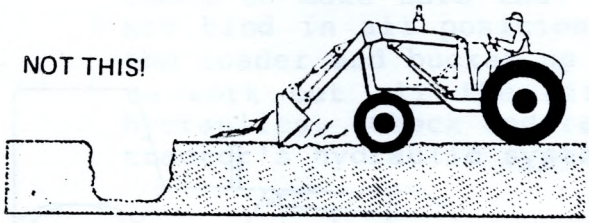
Backgrade work surface with a loaded bucket. Release all pressure on lift cylinders so full weight of bucket is scraping ground. Use heel of bucket.



DO NOT use bucket in dump position for backgrade work. This could cause bucket cylinder shaft failure.

Approach pile with a flat bucket.

Leave dirt in bucket. Dumping on each pass wastes time.



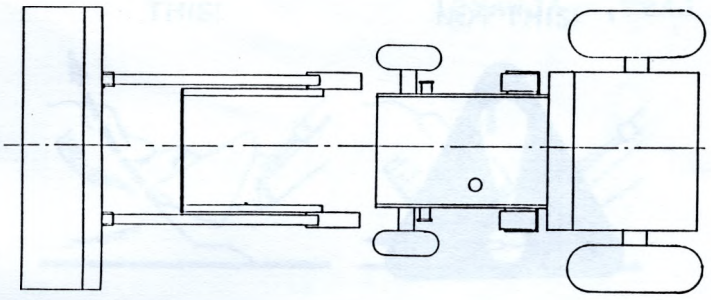
DO NOT USE LOADER AS BATTERING RAM!

DO NOT use bucket in dumped position for bull-dozing. This will only impose severe shock loadings on the bucket cylinders and make it more difficult to maintain a level grade.

LUBRICATION

Lubricate tractor hydraulic unit as indicated in tractor Operator's Manual. Keep the grease fittings on lift arm pivots and cylinder pivots well lubricated.

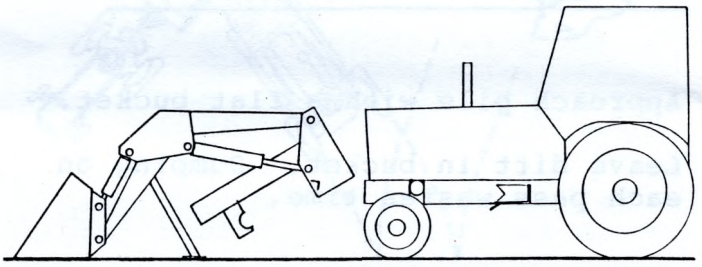
ATTACHING LOADER



1. Position the tractor as centrally as possible and drive into loader frame.

2. Hook up hydraulic hose lines to loader.

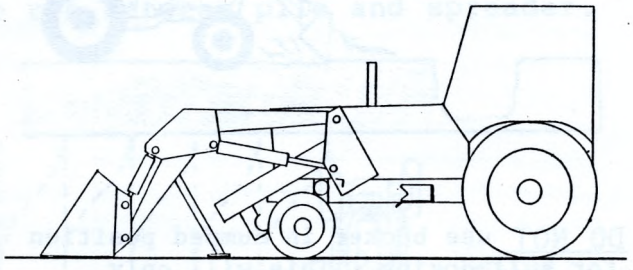
   NOTE: When mounting loader for the first time, slowly work the cylinder back and forth a little so that most of the air is removed. Loosen the bolts on the hooks so that they can be moved. Also, check that the nuts in the rear of the subframes are in line with the holes.



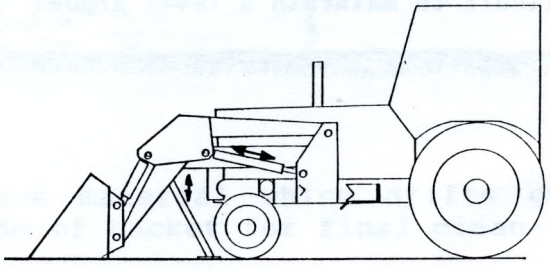
3. On some tractors, the lift cylinders may have to be extended slightly so that the subframes can clear the front axle.

   NOTE: Do not extend more than what is required.

   IMPORTANT: On SL loaders, the bucket will dump at the same time the loader is lowered. Therefore, operate both levers together.

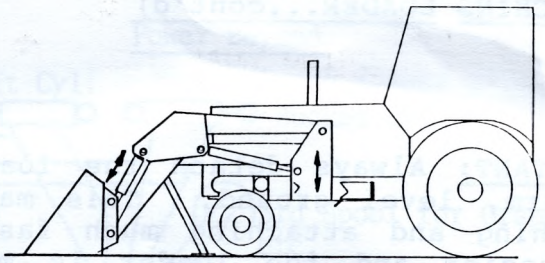


4. Drive the tractor ahead until the subframe is past the front axle and the front hook is close to the mounting boss which is mounted on the tractor (part of mounting kit).

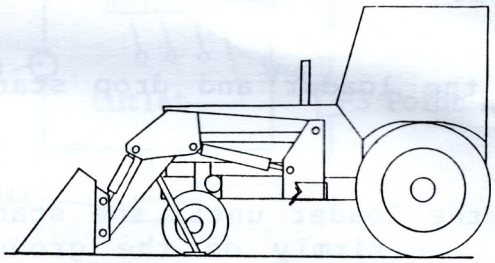


5. Retract or extend lift cylinders to line up the front hook with the mounting boss.

   IMPORTANT: On SL loaders, the bucket will roll back at the same time the loader is lowered. Therefore, operate both hydraulic levers together.

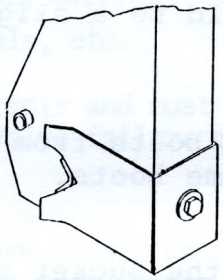


6. When the hook is lined up, dump or roll back the bucket to lower or raise the subframe upright to match the boot which is mounted on the tractor (part of mounting kit).



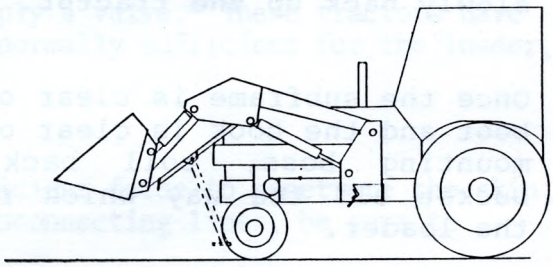
7. Drive loader into back of boot and lower subframe into boot by dumping the bucket slightly.

8. Secure subframes with bolts and washers.



NOTE: When mounting for the first time, the front hook bolts will have to be tightened after positioning the hook directly over the mounting boss.

9. Raise the loader and replace the stand in storage position.

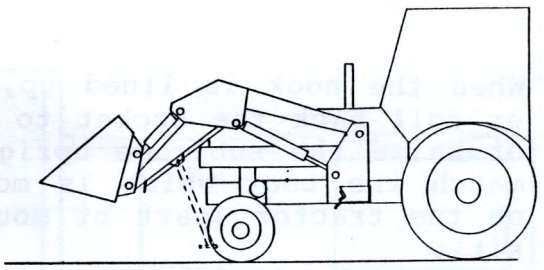


NOTE: When mounting for the first time, raise the loader slowly and check to make sure that hoses do not bind in all positions. Work the loader and bucket up and down to work out all the air in the hydraulics. Check and refill the tractor's hydraulic system.

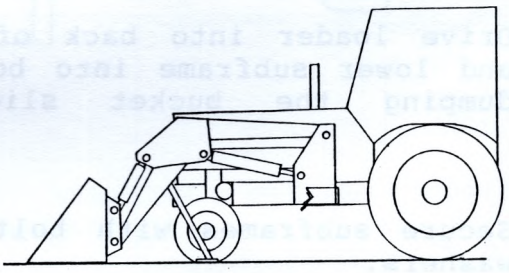
DETACHING LOADER

WARNING!
When detaching loader, the loader must be fitted with a bucket or other attachment to give the frame stability after removal. If this is not done, the frame will not stay standing.

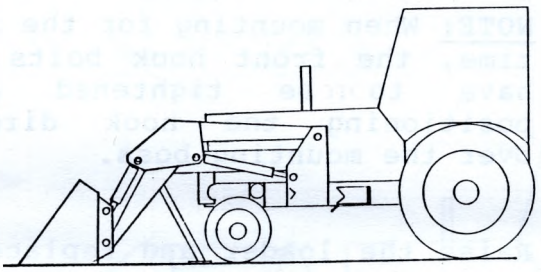
IMPORTANT: Always detach the loader on firm, level ground. This makes detaching and attaching much faster and easier and the loader is much more stable.



1. Raise the loader and drop stand tubes.

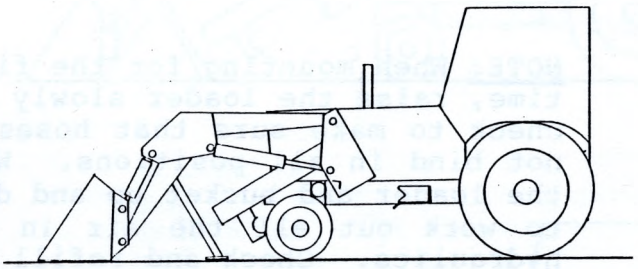


2. Lower the loader until the stand tubes are firmly on the ground and then dump the bucket so that it is also firmly on the ground. There should be a slight downward pressure.



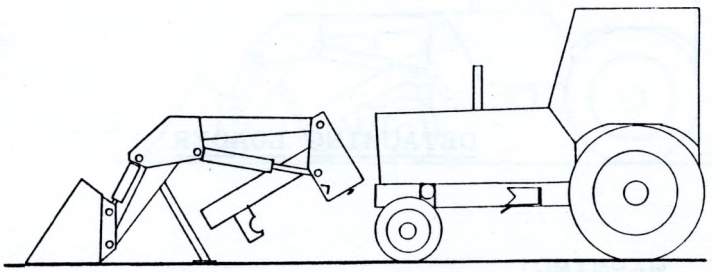
3. Remove the bolts from the rear of the subframe boots.

4. Roll back the bucket slightly and then simultaneously extend the lift cylinders a little and slowly back up the tractor.



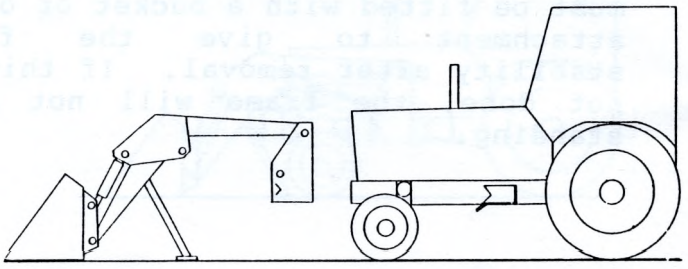
5. Once the subframe is clear of the boot and the hook is clear of the mounting boss, roll back the bucket all the way which raises the loader.

   NOTE: On some mountings, the lift cylinders must be extended more while the tractor is backing up, so that the subframes clear the front axle.



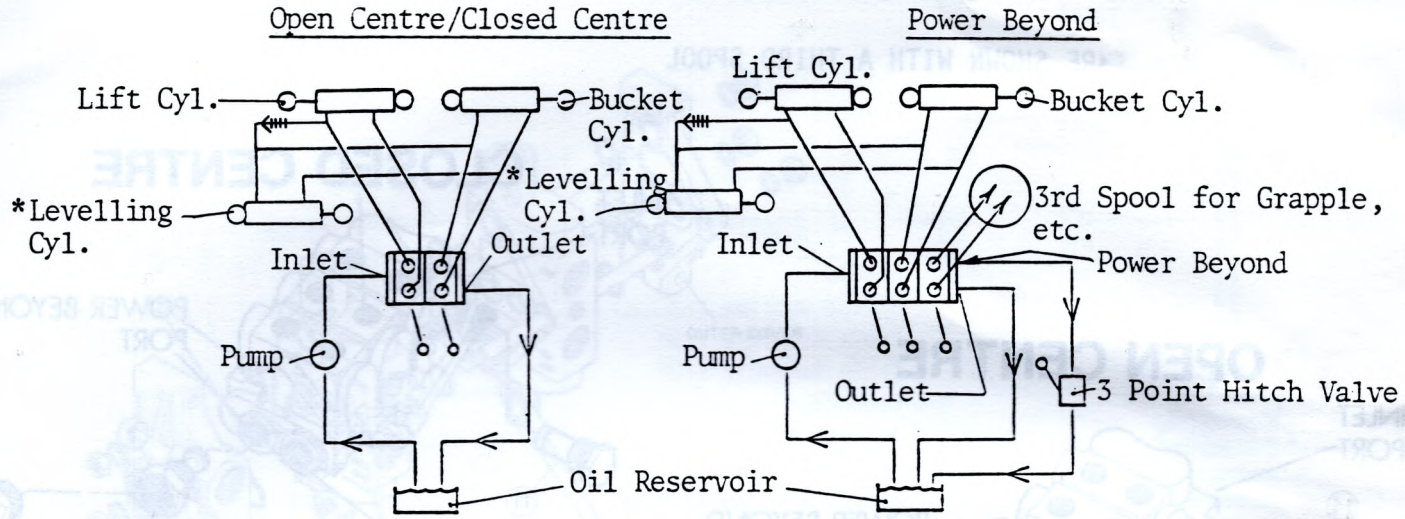
6. Continue backing up until the loader is clear.

   IMPORTANT: Be sure hoses do not catch on any frame members while backing up.



7. After the loader is clear, retract the lift cylinders to protect the shafts and disconnect the hydraulic lines.

HYDRAULIC HOOK-UP



Inlet is the supply from pump.
Outlet returns to reservoir.
Power Beyond is connection for 3 point hitch controls, etc.

*Levelling Cyl. supplied with SL series only.

CAUTION: Outlet port must return directly to reservoir and must never be pressurized and used for Power Beyond. Valve failure may result causing serious injury.

NOTE: 1. Most large model John Deere tractors have closed centre system, but some including 650 - 1050 series are open centre.

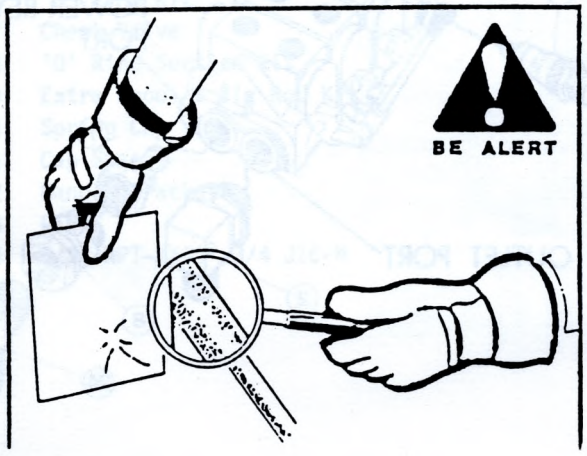
2. Some Allis Chalmers tractors have a pilot controlled closed centre system, for which we do not supply a valve. These tractors have two (2) spool valves which are normally sufficient for the loader, but not for the grapple.

HYDRAULIC SAFETY

Escaping fluid under pressure can have sufficient force to penetrate the skin, causing serious personal injury. Before disconnecting lines, be sure to relieve all pressure.

Before applying pressure to the system, be sure all connections are tight and that lines, pipes and hoses are not damaged.

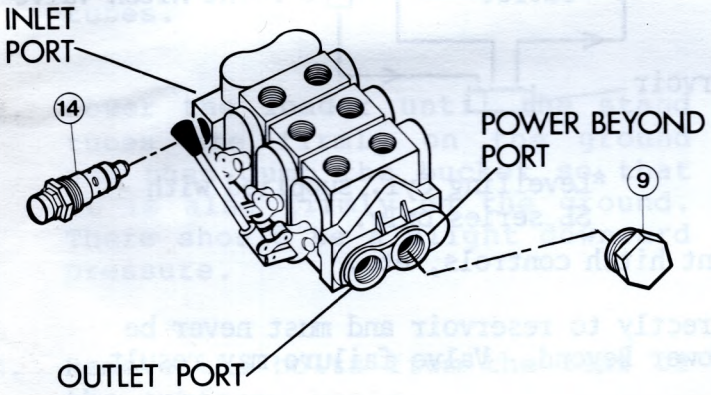
Wear proper eye protection, leather gloves and use a piece of wood or cardboard instead of hands to check for hydraulic leaks.



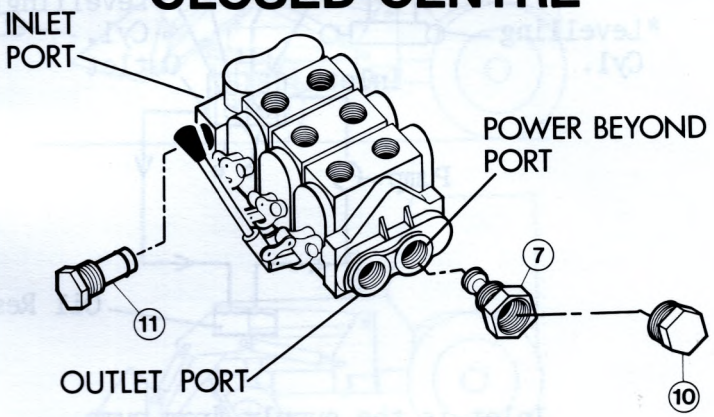
If injured by escaping fluid, see a doctor at once. Serious infection or toxic reaction can develop if proper medical treatment is not administered immediately.

NOTE: VALVES ARE SHOWN WITH A THIRD SPOOL

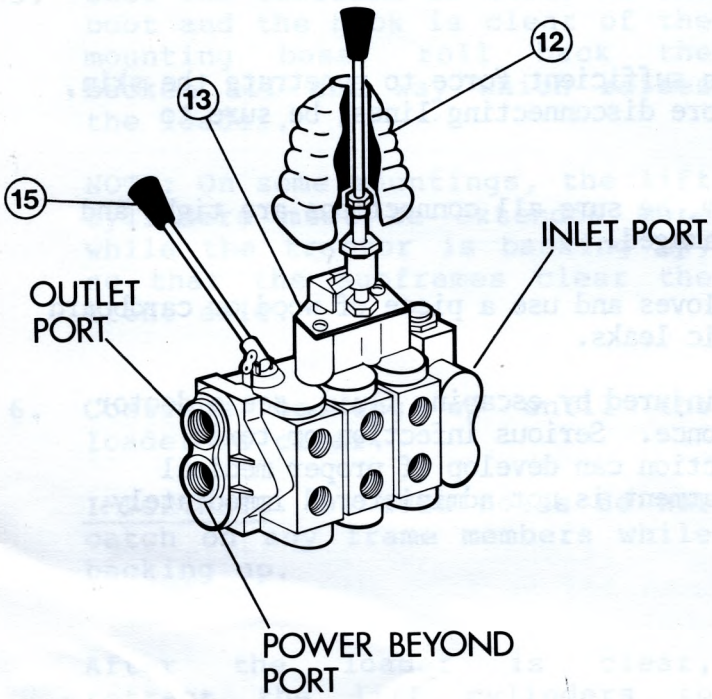
OPEN CENTRE



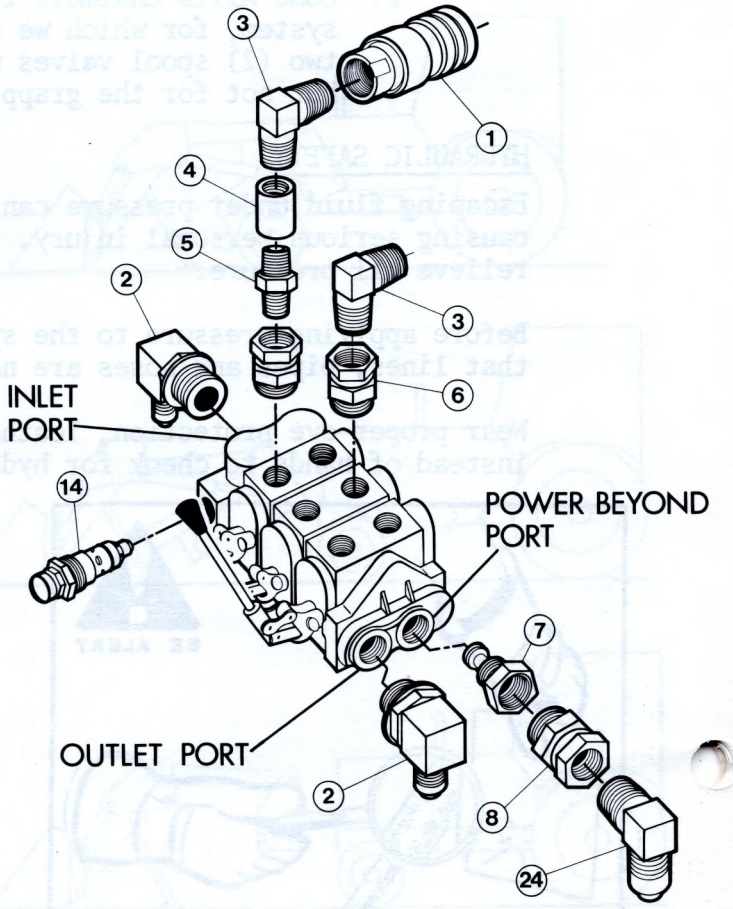
CLOSED CENTRE



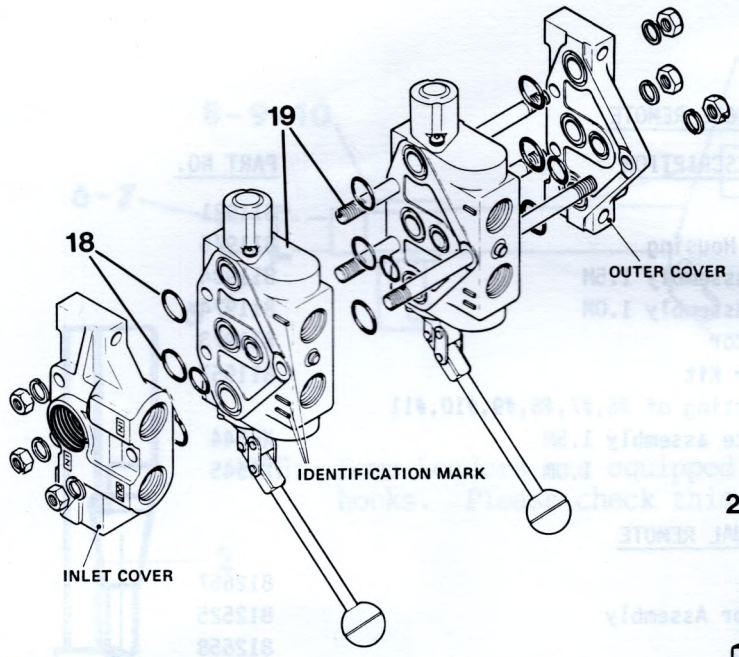
LEVER OPTION

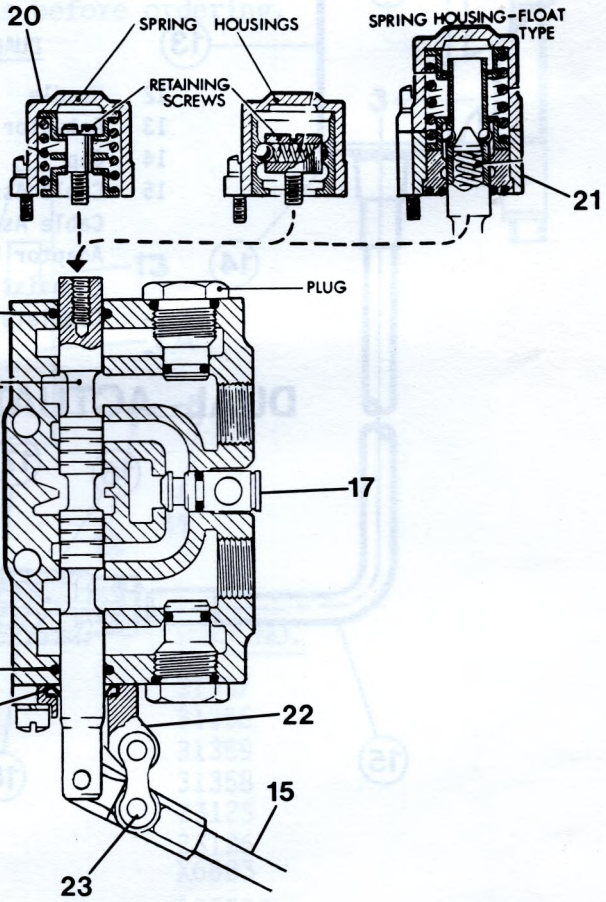


POWER BEYOND



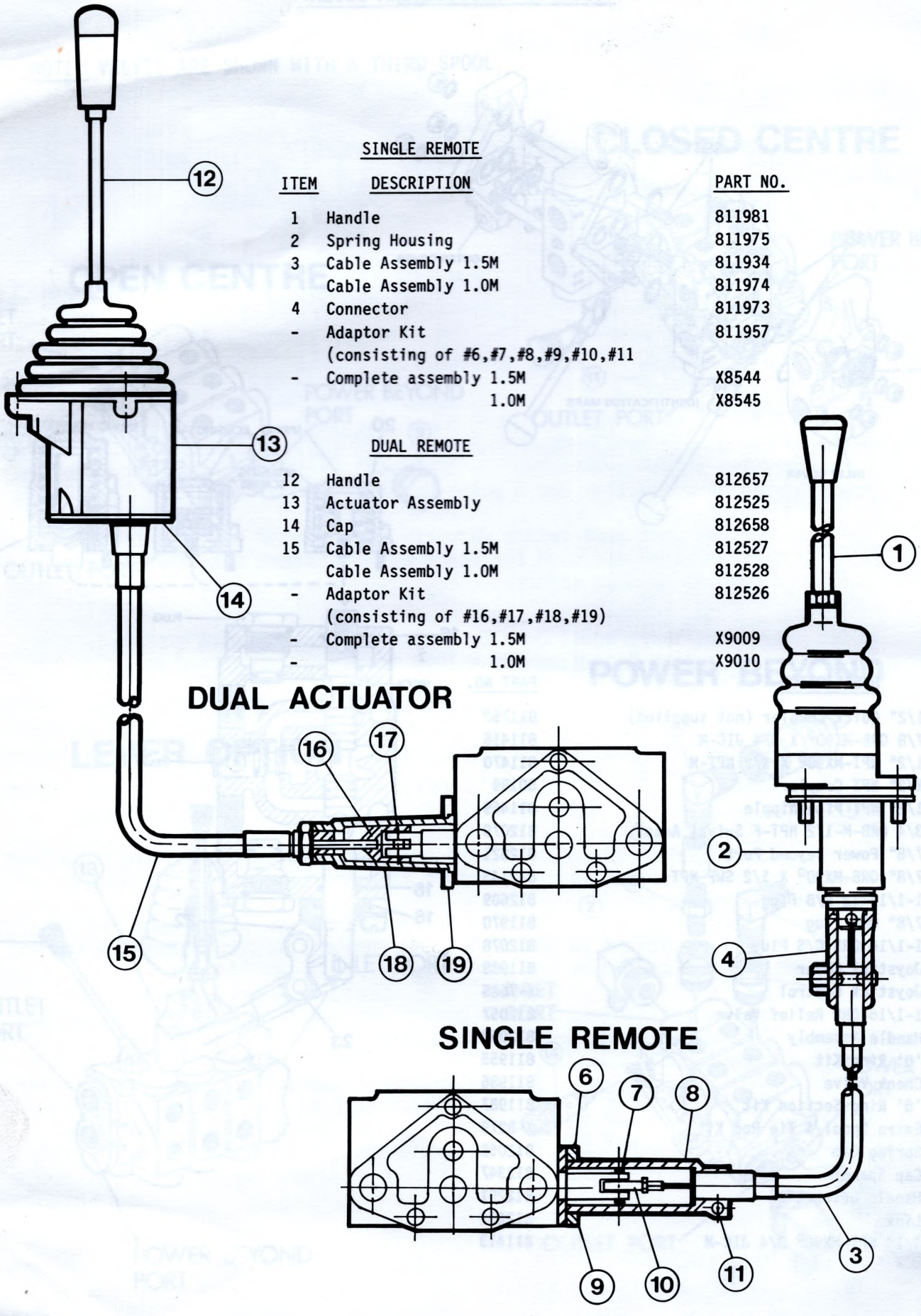
VALVE SERVICE PARTS





ITEM	DESCRIPTION	PART NO.
1	1/2" Quick Coupler (not supplied)	811753
2	7/8 ORB-MX90° X 3/4 JIC-M	811416
3	1/2" NPT-MX90° X 1/2 NPT-M	811470
4	1/2" NPT Coupler	80189
5	1/2" NPT Pipe Nipple	811469
6	3/4 ORB-M-1/2 NPT-F Swival Adapt.	812079
7	7/8" Power Beyond Port	812521
8	7/8" ORB-MX90° X 1/2 SWF NPT	812143
9	1-1/16-12 P/B Plug	812609
10	7/8" ORB Plug	811970
11	1-1/16 ORB C/S Plug	812078
12	Joystick Cover	811988
13	Joystick Control	X-7685
14	1-1/16 ORB Relief Valve	812057
15	Handle Assembly	812093
16	'O' Ring Kit	811955
17	Check Valve	811986
18	'O' Ring Section Kit	811987
19	Extra Spool & Tie Rod Kit	X-8279
20	Spring Cap	812058
21	Cap Spacer	812347
22	Handle Bracket	812291
23	Link	812292
24	1/2" NPT-MX90° 3/4 JIC-M	811413

DUAL ACTUATOR AND SINGLE REMOTE CABLE ASSEMBLY

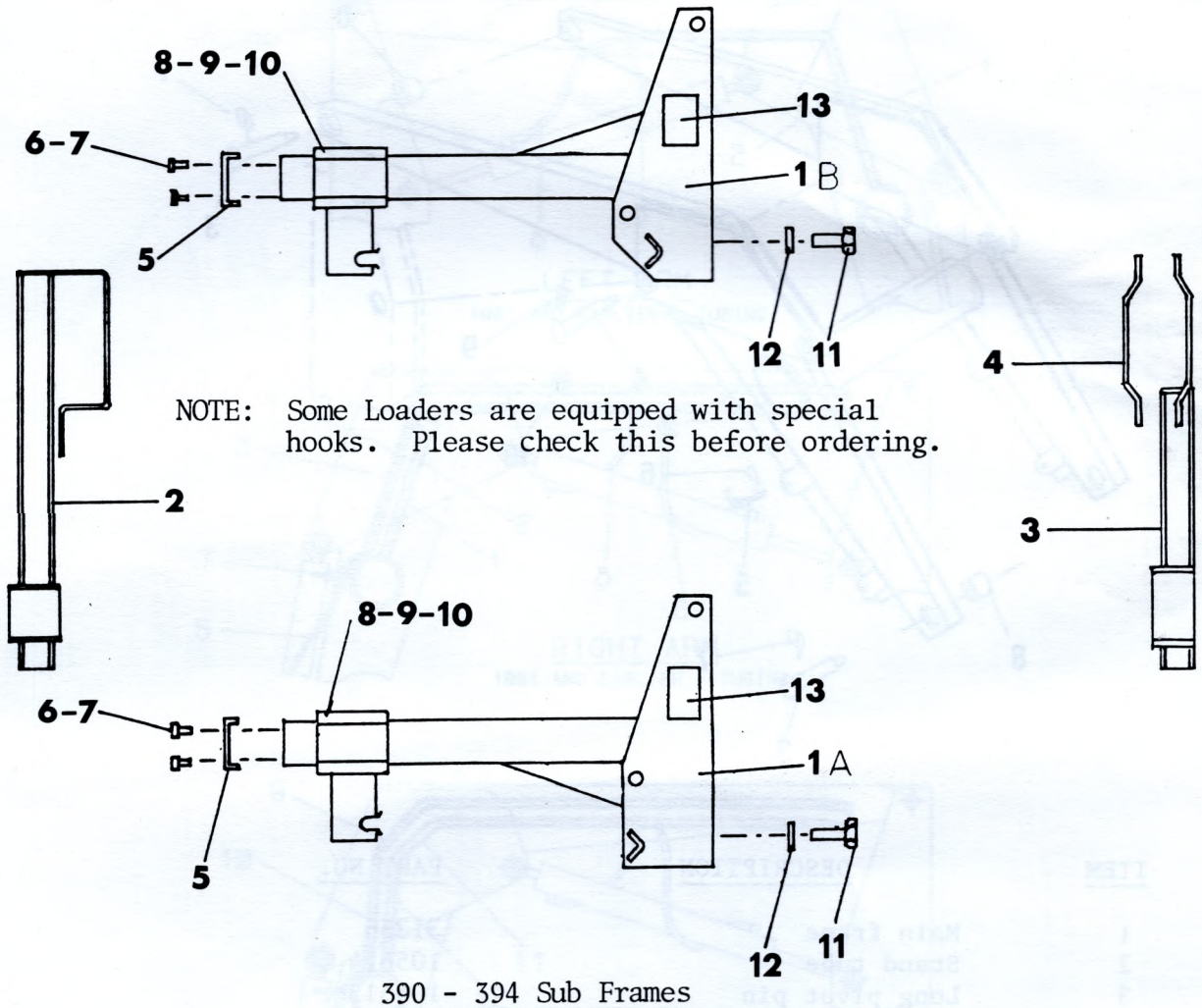


SINGLE REMOTE

ITEM	DESCRIPTION	PART NO.
1	Handle	811981
2	Spring Housing	811975
3	Cable Assembly 1.5M	811934
	Cable Assembly 1.0M	811974
4	Connector	811973
-	Adaptor Kit	811957
	(consisting of #6,#7,#8,#9,#10,#11	
-	Complete assembly 1.5M	X8544
	1.0M	X8545

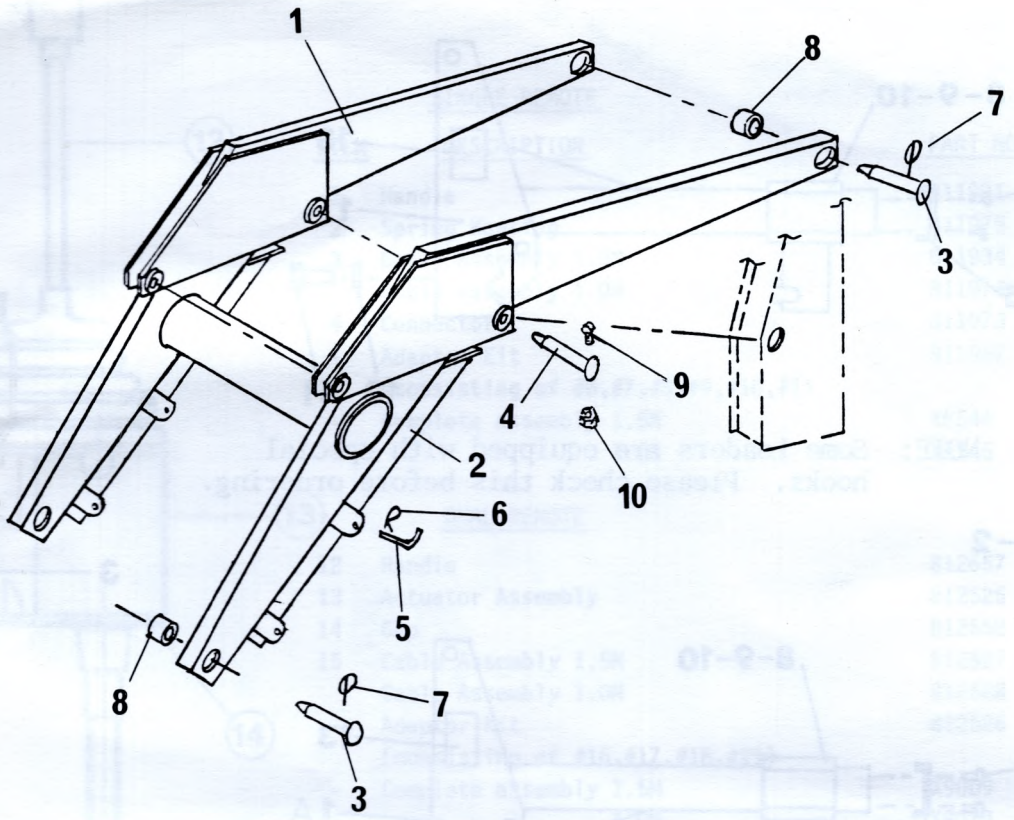
DUAL REMOTE

12	Handle	812657
13	Actuator Assembly	812525
14	Cap	812658
15	Cable Assembly 1.5M	812527
	Cable Assembly 1.0M	812528
-	Adaptor Kit	812526
	(consisting of #16,#17,#18,#19)	
-	Complete assembly 1.5M	X9009
-	1.0M	X9010



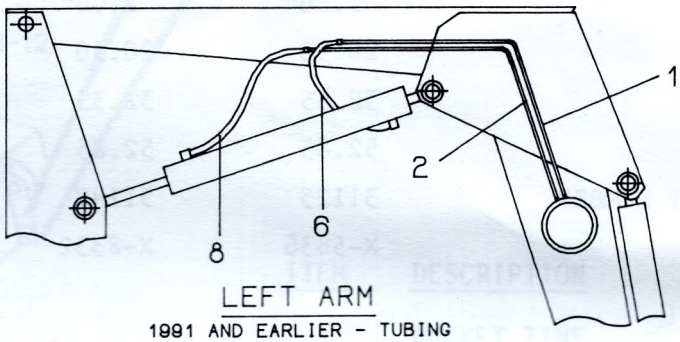
390 - 394 Sub Frames

ITEM	DESCRIPTION	PART NO.
1A	Subframe Weld't Left (390)	31357
	Subframe Weld't Right (390)	31356
1B	Subframe Weld't Left (394)	31359
	Subframe Weld't Right (394)	31358
2	Std. Front Hooks Left	23125
	Std. Front Hooks Right	23126
3	Special Front Hooks	X6883
4	Hook Clamp	107502
5	Cross Channel	22872
6	1/2" x 1" Bolt	81619
7	1/2" Lockwasher	81637
8	5/8" x 2" Bolt	84299
9	5/8" Nut	81676
10	5/8" Lockwasher	81677
11	1" x 3" Bolt	812303
12	Flatwasher	81746
13	Caution Decal	104812
	Part of Decal Kit X 8310 & X 8311	



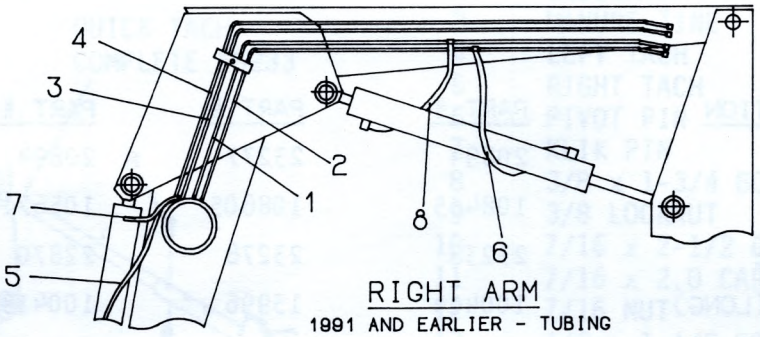
ITEM	DESCRIPTION	PART NO.
1	Main frame	31366
2	Stand tube	105674
3	Long pivot pin	105513
4	Short pivot pin	105512
5	Stand tube pin	16035
6	Hair pin clip	12779
7	Linch pin	811747
8	Bushing	81166
9	5/16" x 2" bolt	810640
10	5/16" locknut	84541
11	390 decal replacement kit	X8310
12	394 decal replacement kit	X8311

90 SERIES HYDRAULIC FARM LOADER



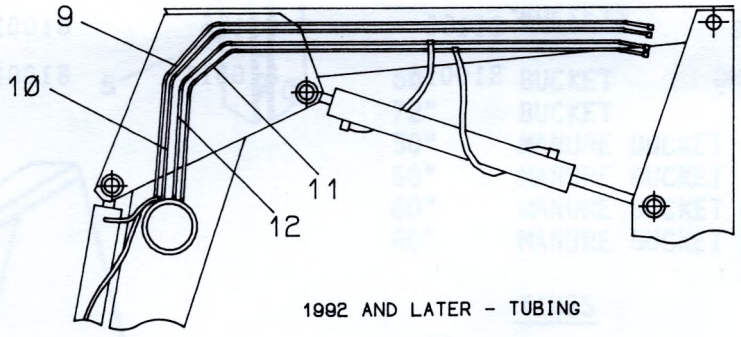
LEFT ARM

1991 AND EARLIER - TUBING



RIGHT ARM

1991 AND EARLIER - TUBING



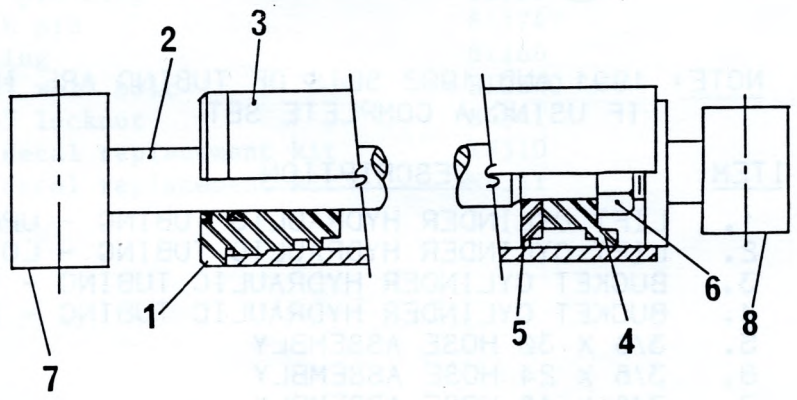
1992 AND LATER - TUBING

NOTE: 1991 AND 1992 SETS OF TUBING ARE INTERCHANGABLE IF USING A COMPLETE SET

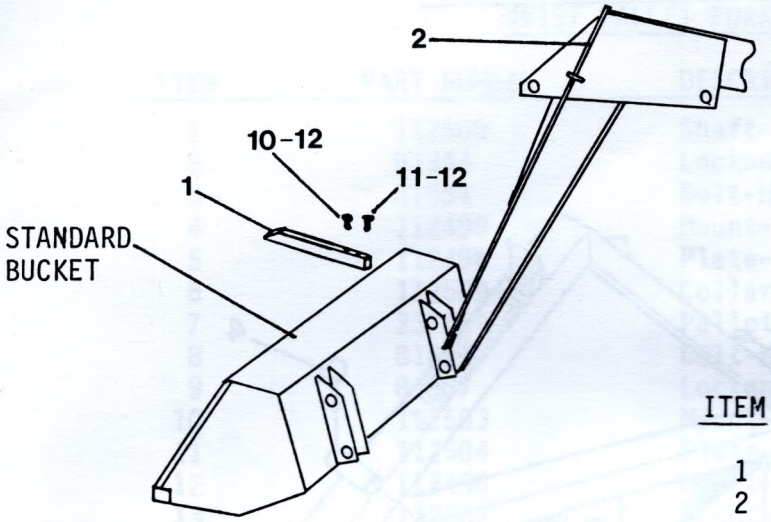
ITEM	DESCRIPTION	PART NO.
1.	LIFT CYLINDER HYDRAULIC TUBING - UPPER	22865
2.	LIFT CYLINDER HYDRAULIC TUBING - LOWER	22866
3.	BUCKET CYLINDER HYDRAULIC TUBING - UPPER	22867
4.	BUCKET CYLINDER HYDRAULIC TUBING - LOWER	23717
5.	3/8 X 30 HOSE ASSEMBLY	811434
6.	3/8 X 24 HOSE ASSEMBLY	811466
7.	3/8 X 18 HOSE ASSEMBLY	811754
8.	3/8 X 20 HOSE ASSEMBLY	811471
9.	LIFT CYLINDER HYDRAULIC TUBING - UPPER	23834
10.	LIFT CYLINDER HYDRAULIC TUBING - LOWER	23835
11.	BUCKET CYLINDER HYDRAULIC TUBING - UPPER	23836
12.	BUCKET CYLINDER HYDRAULIC TUBING - LOWER	23837

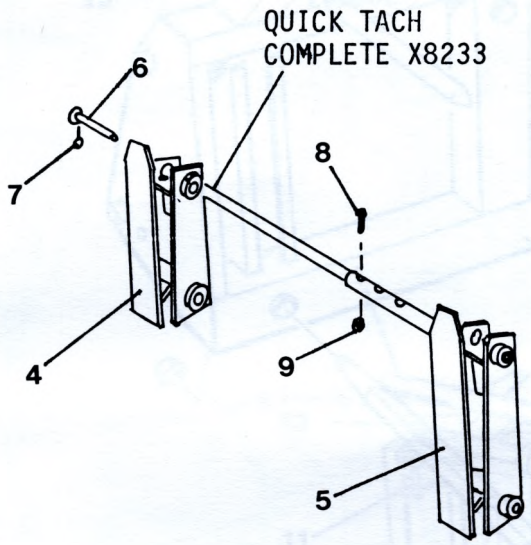
	BUCKET CYLINDER (OPTIONAL)	BUCKET CYLINDER (STANDARD)	LIFT CYLINDER (OPTIONAL)	LIFT CYLINDER (STANDARD)
DIAMETER	2.50"	2.00"	2.50"	2.00"
LENGTH OF STROKE	20.50	20.50	19.00	19.00
RETRACTED LENGTH	32.35	32.35	33.00	33.00
EXTENDED LENGTH	52.85	52.85	52.00	52.00
CYLINDER ASSEMBLY NUMBER	31125	31142	30578	30783
SEAL KIT NUMBER	X-5636	X-8332	X-5636	X-5561

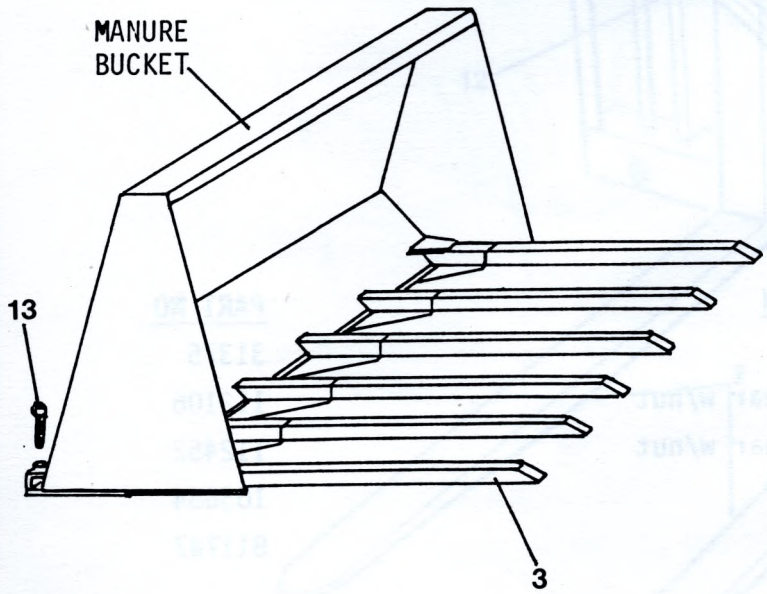
#	DESCRIPTION	PART #	PART #	PART #	PART #
1.	HEADPLATE	20894	23277	20894	13998
2.	SHAFT	108435	108605	105671	105671
3.	CYLINDER TUBE	23238	23276	22870	23008
4.	PISTON HALF (LONG)	100414	13996	100414	13986
5.	PISTON HALF (SHORT)	100415	13997	100415	13997
6.	SELF-LOCKING NUT	89920	89920	89920	89920
7.	SHAFT BUSHING	81166	81166	810013	810013
8.	CLEVES BUSHING	810013	810013	810013	810013



caution: Maximum Pressure 2500 P.S.I.







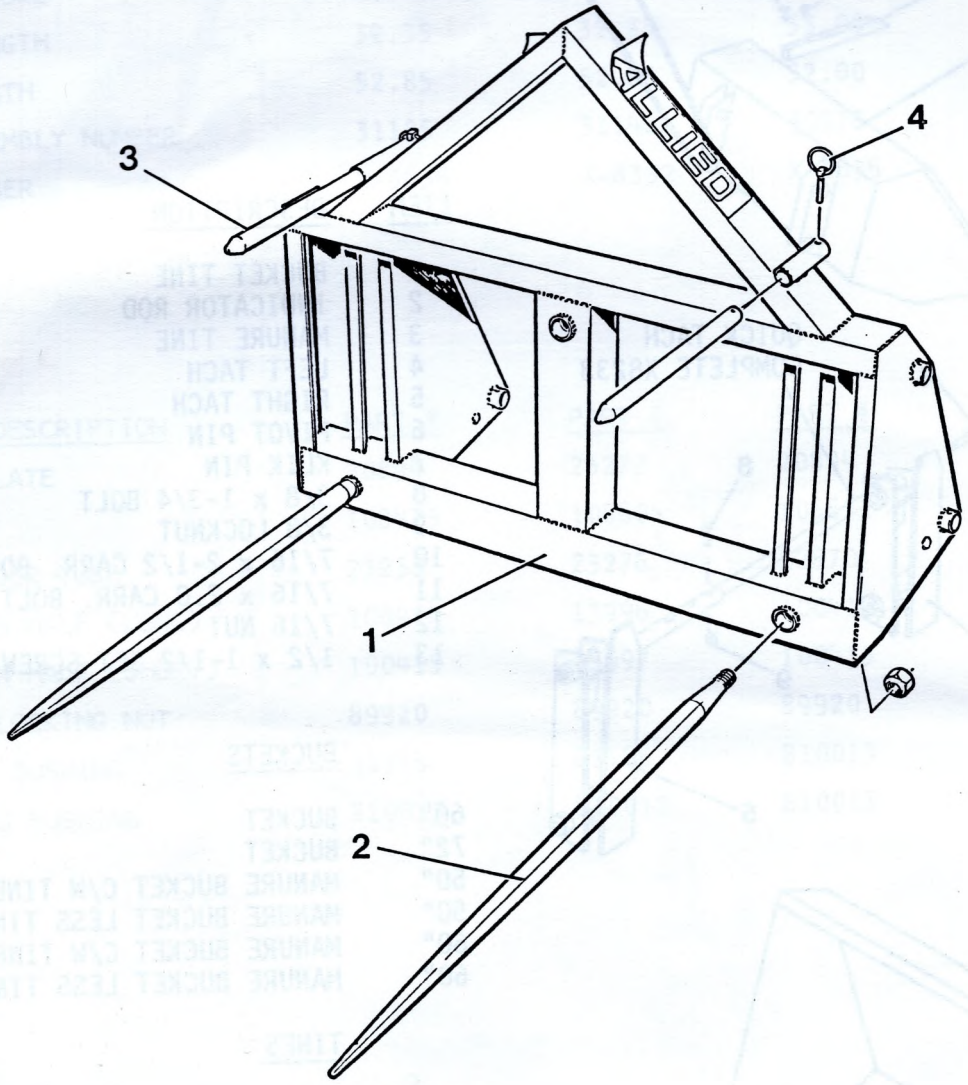
ITEM	DESCRIPTION	PART NO.
1	BUCKET TINE	14947
2	INDICATOR ROD	108607
3	MANURE TINE	112087
4	LEFT TACH	23203
5	RIGHT TACH	23202
6	PIVOT PIN	105513
7	KLIK PIN	811747
8	3/8 x 1-3/4 BOLT	81578
9	3/8 LOCKNUT	81344
10	7/16 x 2-1/2 CARR. BOLT	812212
11	7/16 x 2.0 CARR. BOLT	84243
12	7/16 NUT	81614
13	1/2 x 1-1/2 SET SCREW	812119

BUCKETS

60"	BUCKET	X7949
72"	BUCKET	X7950
50"	MANURE BUCKET C/W TINES	C8995
50"	MANURE BUCKET LESS TINES	X8983
60"	MANURE BUCKET C/W TINES	C8994
60"	MANURE BUCKET LESS TINES	X8982

TINES

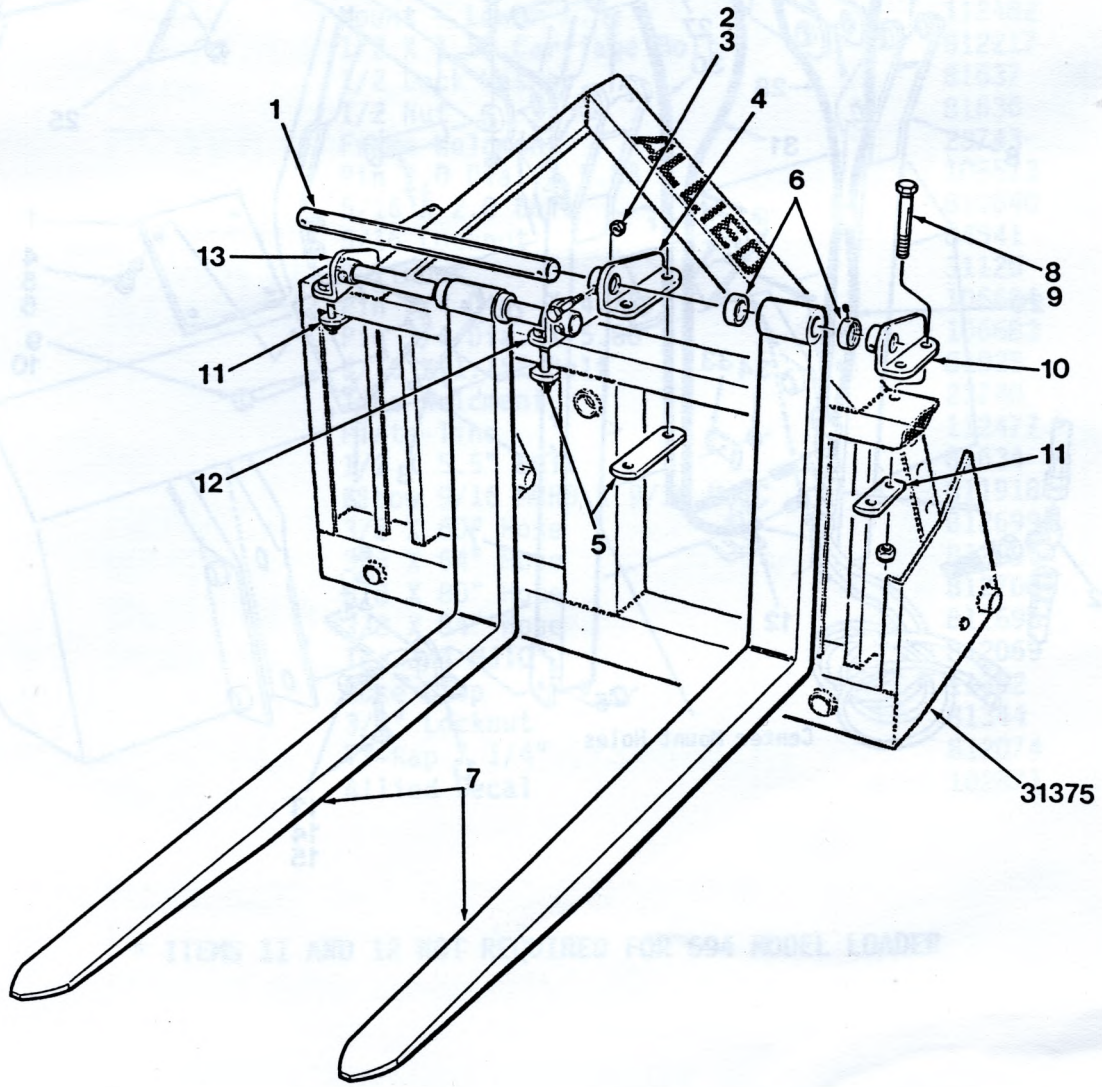
8	TINES FOR 60" + 72" BUCKETS	X8778
6	TINES FOR 50" MANURE BUCKET	X8990
7	TINES FOR 60" MANURE BUCKET	X8991



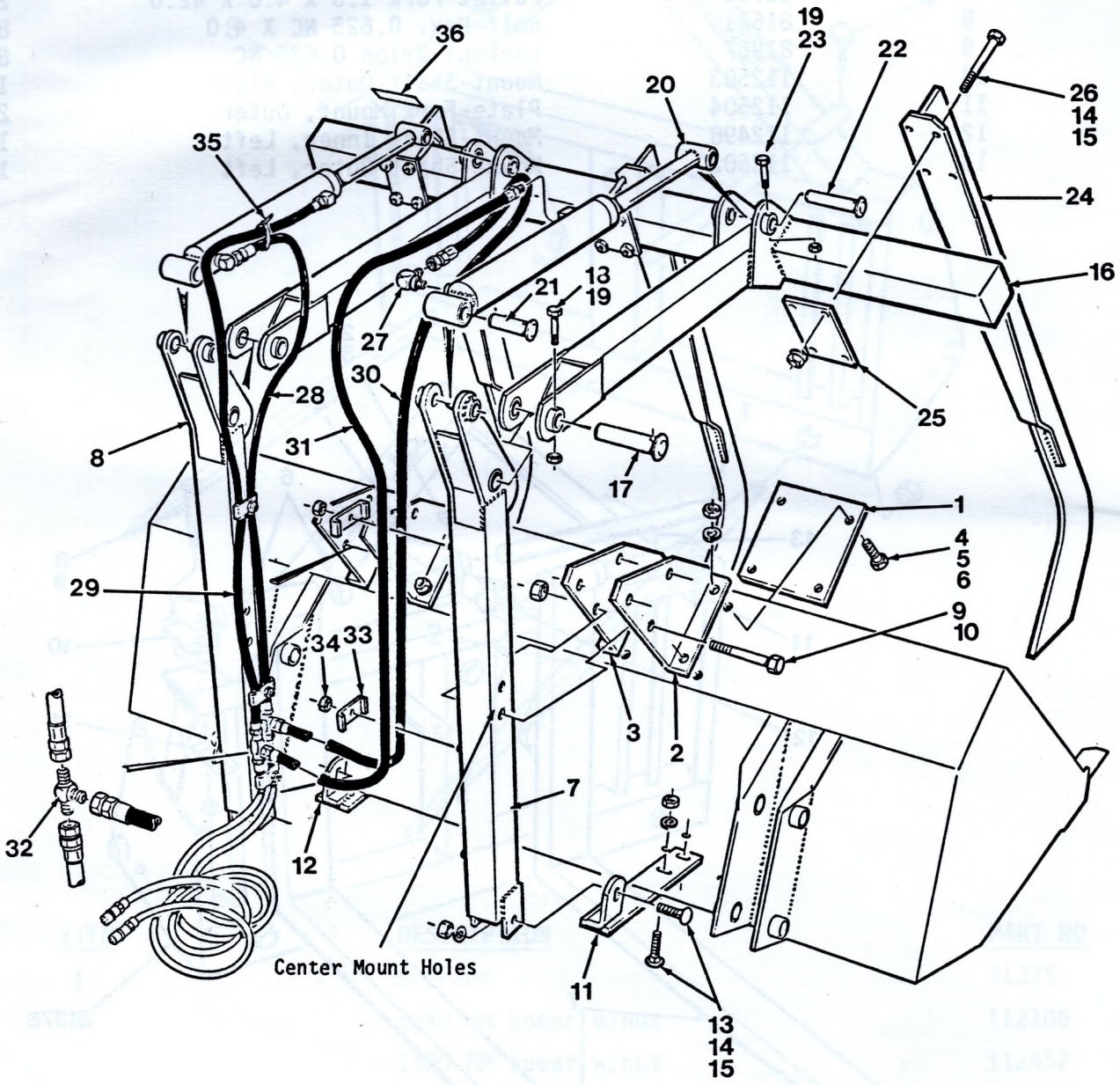
ITEM	DESCRIPTION	PART NO
1.	A-Frame	31375
2.	1240 MM Spear w/nut	112106
	1400 MM Spear w/nut	112452
3.	Support Bar	105654
4.	Lynch Pin	811747

X9197 PALLET FORKS (4400 lbs.)

ITEM	PART NUMBER	DESCRIPTION	QTY
1	112500	Shaft-Pallet Fork	2
2	81344	Locknut-Nylon 0.375 NC	4
3	81581	Bolt-Hex. 0.375 NCX 2.50	4
4	112499	Mount-Inner Shaft, Right	1
5	112496	Plate-Fork Mount, Lower	2
6	112509	Collar 1.5 ID	4
7	23750	Pallet Fork 1.5 X 4.0 X 42.0"	2
8	81671	Bolt-Hex. 0.625 NC X 4.0	8
9	81967	Locknut-Nylon 0.625 NC	8
10	112503	Mount-Shaft Outer, Right	1
11	112504	Plate-Fork Mount, Outer	2
12	112498	Mount-Shaft Inner, Left	1
13	112502	Mount-Shaft Outer, Left	1



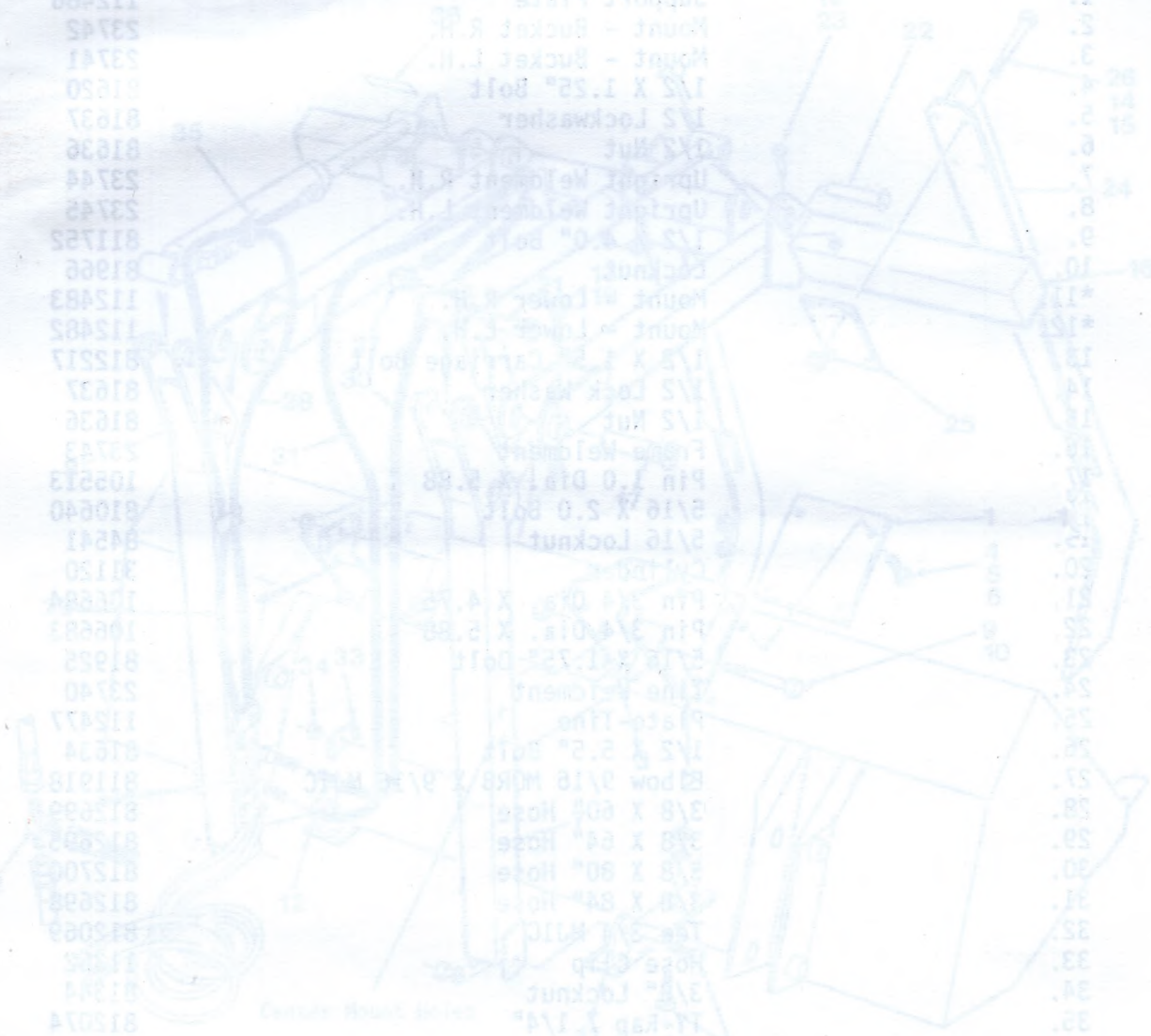
90 SERIES HYDRAULIC FARM LOADER



90 SERIES HYDRAULIC FARM LOADER

ITEM	DESCRIPTION	PART NUMBER
1.	Support Plate	112486
2.	Mount - Bucket R.H.	23742
3.	Mount - Bucket L.H.	23741
4.	1/2 X 1.25" Bolt	81620
5.	1/2 Lockwasher	81637
6.	1/2 Nut	81636
7.	Upright Weldment R.H.	23744
8.	Upright Weldment L.H.	23745
9.	1/2 X 4.0" Bolt	811752
10.	Locknut	81966
*11.	Mount - Lower R.H.	112483
*12.	Mount - Lower L.H.	112482
13.	1/2 X 1.5" Carriage Bolt	812217
14.	1/2 Lock Washer	81637
15.	1/2 Nut	81636
16.	Frame Weldment	23743
17.	Pin 1.0 Dia. X 5.88	105513
18.	5/16 X 2.0 Bolt	810640
19.	5/16 Locknut	84541
20.	Cylinder	31120
21.	Pin 3/4 Dia. X 4.75	106684
22.	Pin 3/4 Dia. X 5.88	106683
23.	5/16 X 1.75" Bolt	81925
24.	Tine Weldment	23740
25.	Plate-Tine	112477
26.	1/2 X 5.5" Bolt	81634
27.	Elbow 9/16 MORB X 9/16 MJ1C	811918
28.	3/8 X 60" Hose	812699
29.	3/8 X 64" Hose	812695
30.	3/8 X 80" Hose	812700
31.	3/8 X 84" Hose	812698
32.	Tee 3/4 MJ1C	812069
33.	Hose Clip	11362
34.	3/8" Locknut	81344
35.	TY-Rap 7 1/4"	812074
36.	Allied Decal	102871

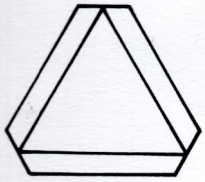
*** ITEMS 11 AND 12 NOT REQUIRED FOR 694 MODEL LOADER**



LOOK OUT FOR **CHILDREN**.
TEACH YOUR CHILDREN SAFETY.
(INFORM THEM OF DANGERS AROUND MACHINES.)

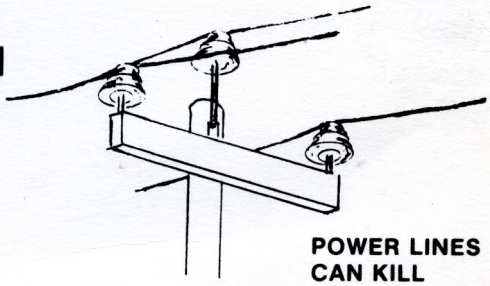
MANUAL MUST BE READ AND UNDERSTOOD BY **OPERATOR**.

TRANSPORT

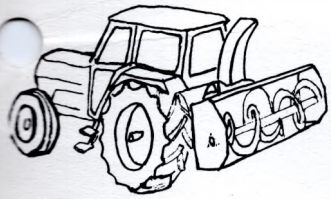


EMBLEMS MUST BE VISIBLE.

ALWAYS MOVE EQUIPMENT IN LOW OR DOWN POSITIONS ESPECIALLY AROUND **POWER LINES**.



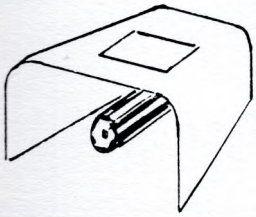
POWER LINES CAN KILL



NEVER LEAVE EQUIPMENT IN RAISED POSITIONS.

SERVICE

SERVICE EQUIPMENT ONLY WHEN **STOPPED** AND SECURELY **BLOCKED** IF IN RAISED POSITIONS.



KEEP ALL **GUARDS** AND **SHIELDS** IN PLACE.

REPLACE DAMAGED OR WORN PARTS. FRAYED CABLES AND HOSES ARE DANGEROUS.

DO NOT CHANGE FACTORY SETTINGS.

KEEP **DECALS** CLEAN AND LEGIBLE.
(REPLACEMENTS NORMALLY AVAILABLE)

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